

# NEBRASKA

## WEATHER & CROPS

For Week Ending 8/14/83

Issue: 23-83

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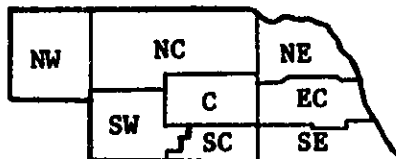
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### WEATHER

Temperatures continued three to five degrees above normal across the State with five degrees above normal in the Panhandle and three degrees above normal over the central and east. Isolated showers occurred with one to two-tenths across the north and central and trace amounts over the southwest and south central.

### GENERAL

Hot, dry weather during the week provided no relief to dryland crops already badly stressed by short moisture supplies. Nearly 95% of Nebraska's counties reported short topsoil moisture and for the first time this season over 50% reported short subsoil supplies. Irrigation continued heavy across the State with some southeastern units now into their seventh week with no shutdown time. Dryland row crop prospects in the southern half of Nebraska continued to decline daily. Some southeastern corn fields were being green-chopped to salvage some feed value and supplement very short pasture supplies. Insect activity was causing producers further concern with corn borer and spider mites in corn, greenbugs in milo and bean leaf beetles on soybeans. The number of days suitable for fieldwork were 6.9.

Topsoil moisture supplies rated 94% short and 6% adequate. Subsoil supplies were 54% short and 46% adequate. A year ago, topsoil moisture supplies were 42% short, 40% adequate and 18% surplus. Subsoil supplies were 29% short, 64% adequate and 7% surplus.

### CROPS

The combined corn crop condition of irrigated and dryland acreage continued its slide lower with 8% rated poor, 22% fair, 68% good and 2% excellent. Silking was virtually complete, same as the five-year average but ahead of 85% last year. Corn having reached the dough stage stood at 25%, compared to 35% last year and 45% average. Second generation corn borer egg masses were being observed Statewide, with treatment started.

Sorghum crop condition rated 34% poor, 50% fair and 16% good. Over 75% of the southeastern crop was given a poor rating showing the effects of extended dry, hot conditions. Heading has occurred on 70% of the crop, compared to only 40% last year and 75% average.

Soybean crop conditions were 17% poor, 40% fair, 40% good and 3% excellent. Pod setting was being observed on 80% of the acreage, same as the five-year average and well ahead of 45% a year ago.

The third cutting of alfalfa was 25% complete, compared to 20% a year ago and average. Many dryland fields in the south and east were not expected to yield a third cutting this season. Crop conditions in those areas rated mostly poor to fair.

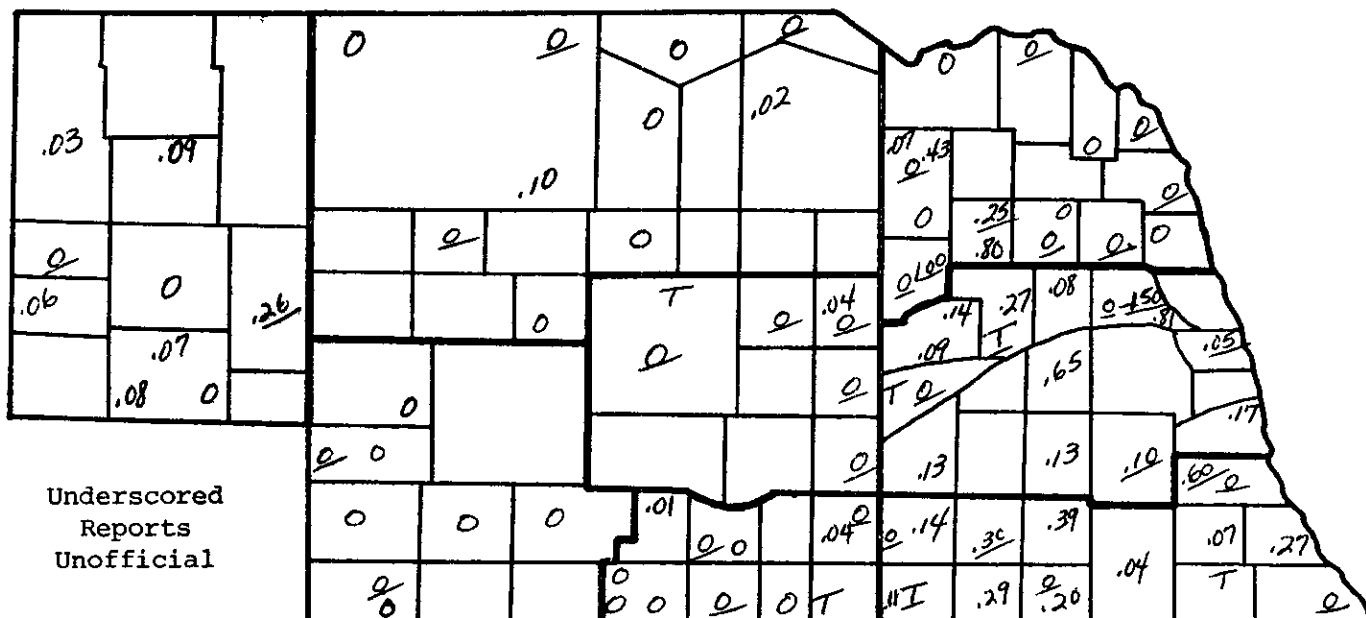
### LIVESTOCK

Pasture and range feed supplies were short in the south central, southeast and east central areas but generally adequate in other areas. Livestock stress continued high with some death losses reported. Water shortages were also indicated in some central counties due to unusually calm days lacking wind needed for pumping underground supplies.

### Precipitation, April 1 - August 12, 1983

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.00	.10	.20	.40	.20	.00	.00	.20
Total since April 1 .....	11.70	16.60	16.80	13.60	14.30	10.90	12.10	14.20
Normal since April 1 .....	11.45	13.17	15.31	14.40	16.40	12.46	14.84	17.28

# PRECIPITATION MAP FOR WEEK ENDING FRIDAY, AUGUST 12, 1983



## TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, AUGUST 14, 1983

Station	Temperature				Precipitation
	Extremes		Mean	Departure	Total Inches <u>1/</u>
	Max	Min			
NW Chadron	100	60	--	--	.10
Scottsbluff	100	58	78	+5	.03
Sidney	--	--	--	--	--
NC Ord	98	58	--	--	0
Valentine	98	58	77	+3	.49
NE Norfolk	95	58	78	+3	.05
Sioux City	95	60	78	+3	0
CEN Grand Island	102	61	79	+3	.39
EC Lincoln	102	59	80	+3	.02
Omaha	98	61	79	+4	T
SW Imperial	99	58	--	--	0
North Platte	97	58	76	+2	T

1/ Precipitation totals not included in map above.

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